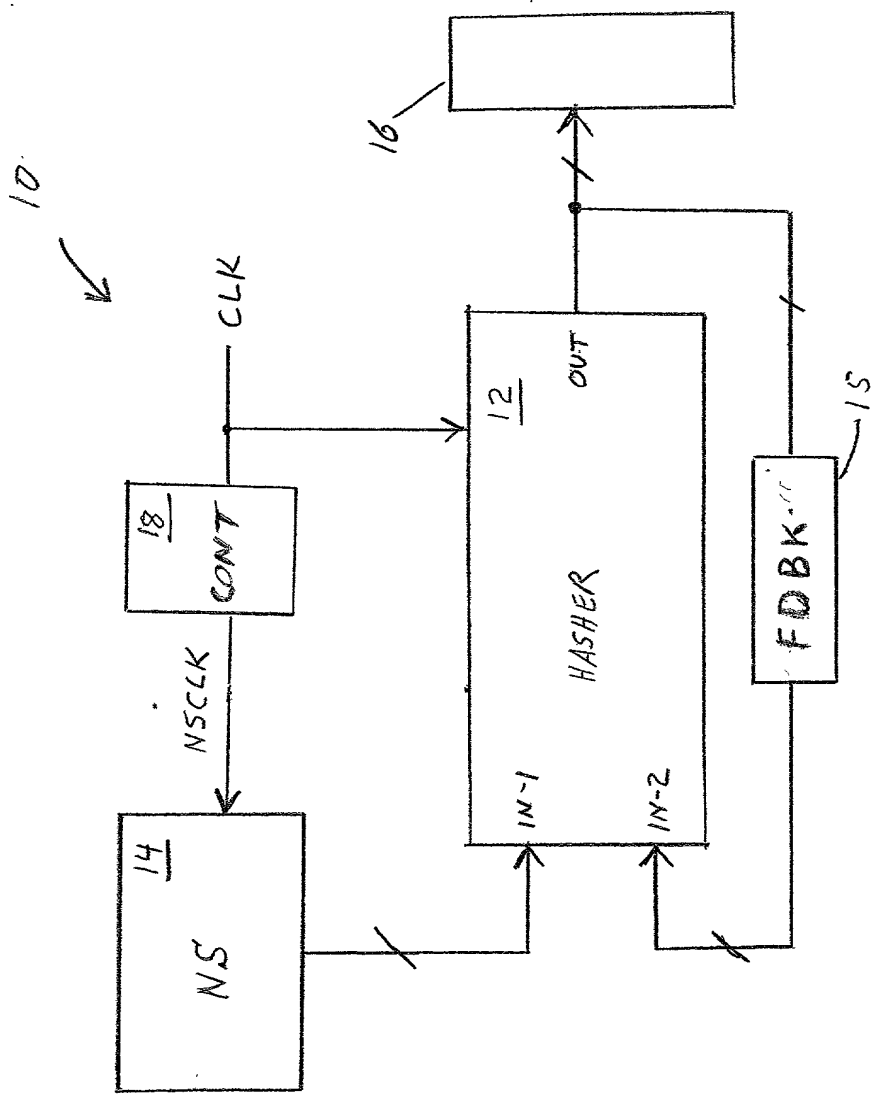

Fig. 1

P6956.01/42390

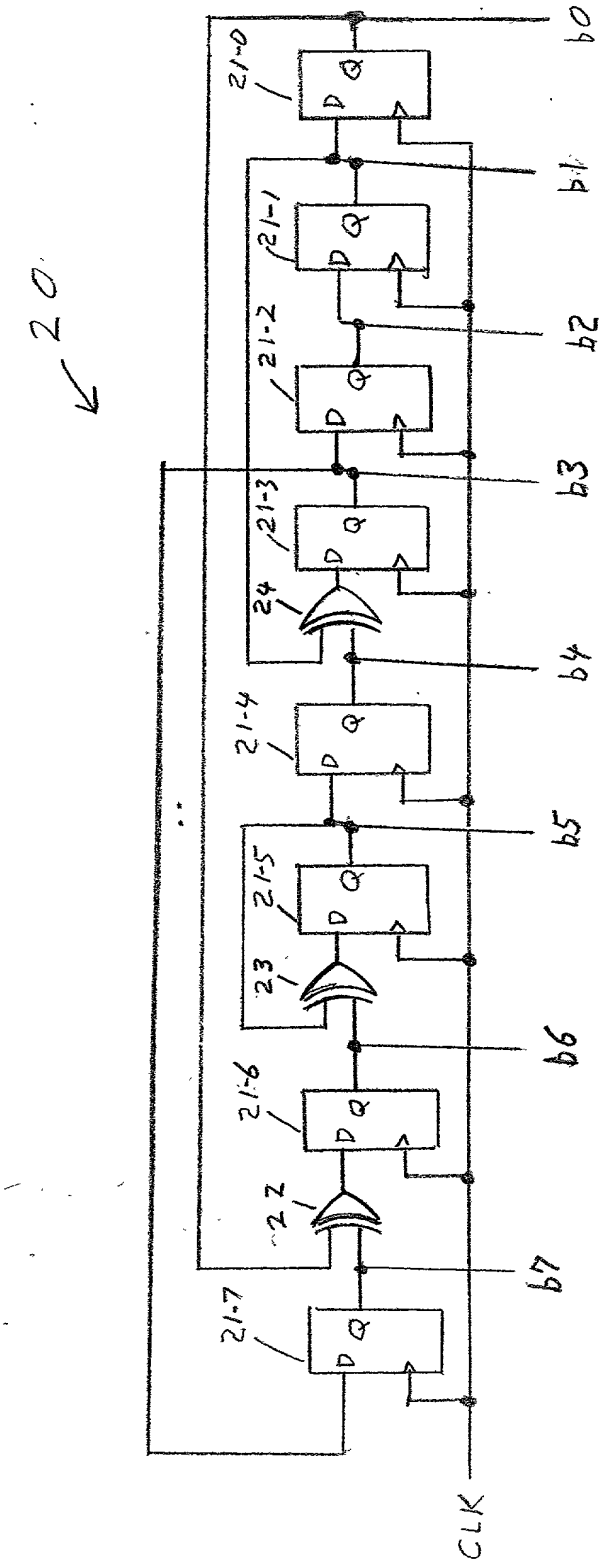
20
21-0
21-1
21-2
21-3
21-4
21-5
21-6
21-7
22
23
24
b0
b1
b2
b3
b4
b5
b6
b7
CLK

Fig. 2

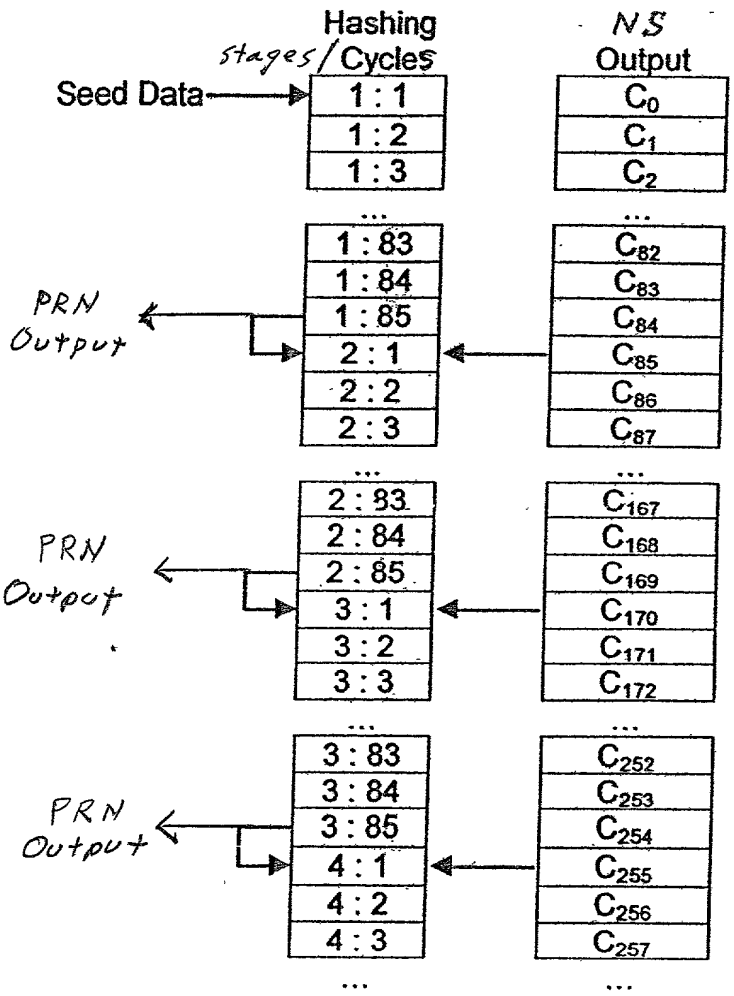

Fig. 3A

P390P11973.P01

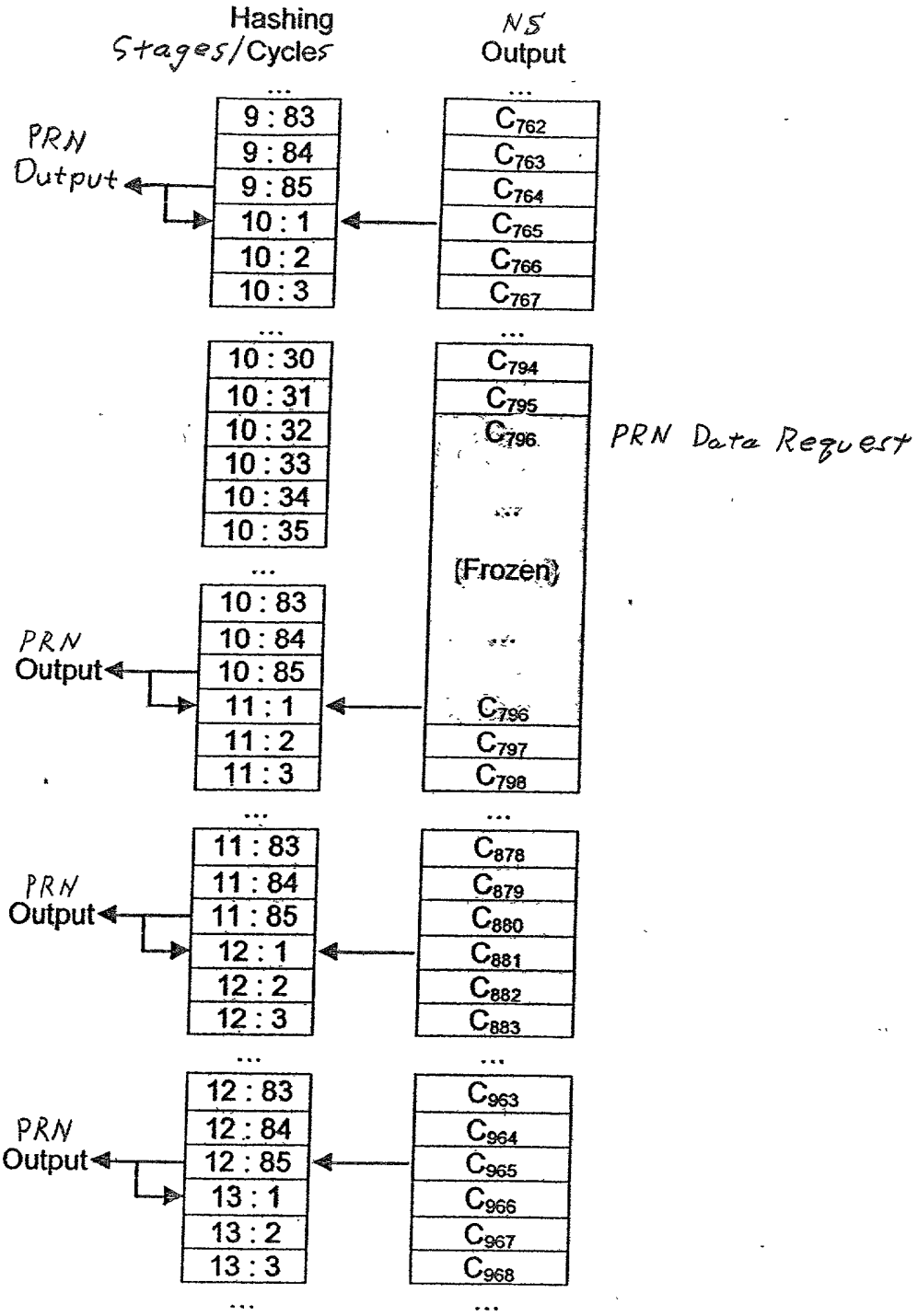

Fig. 3B

P42390P11973

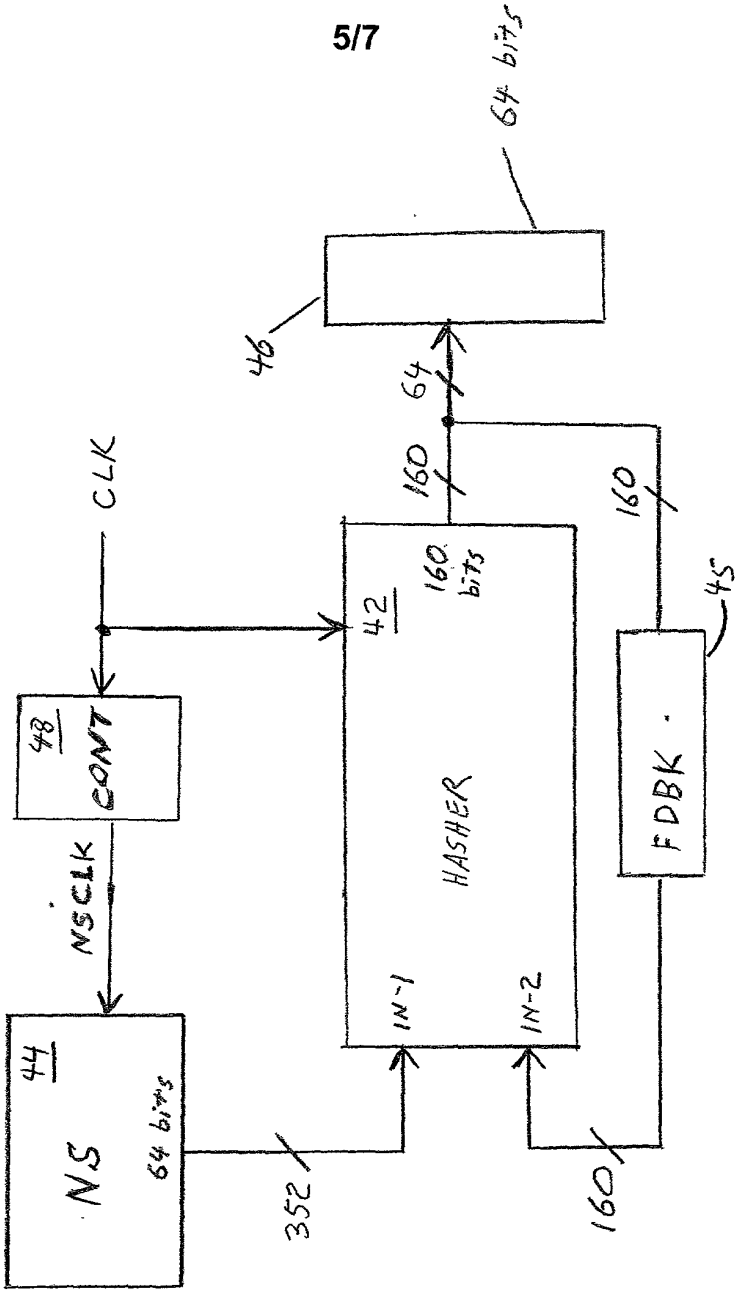
64 bits
46
64
160
160
40
CLK
160 bits
42
45
48
CONT
FDBK
NSCLK
HASHER
44
NS
64 bits
IN-1
IN-2
352
160

Fig. 4

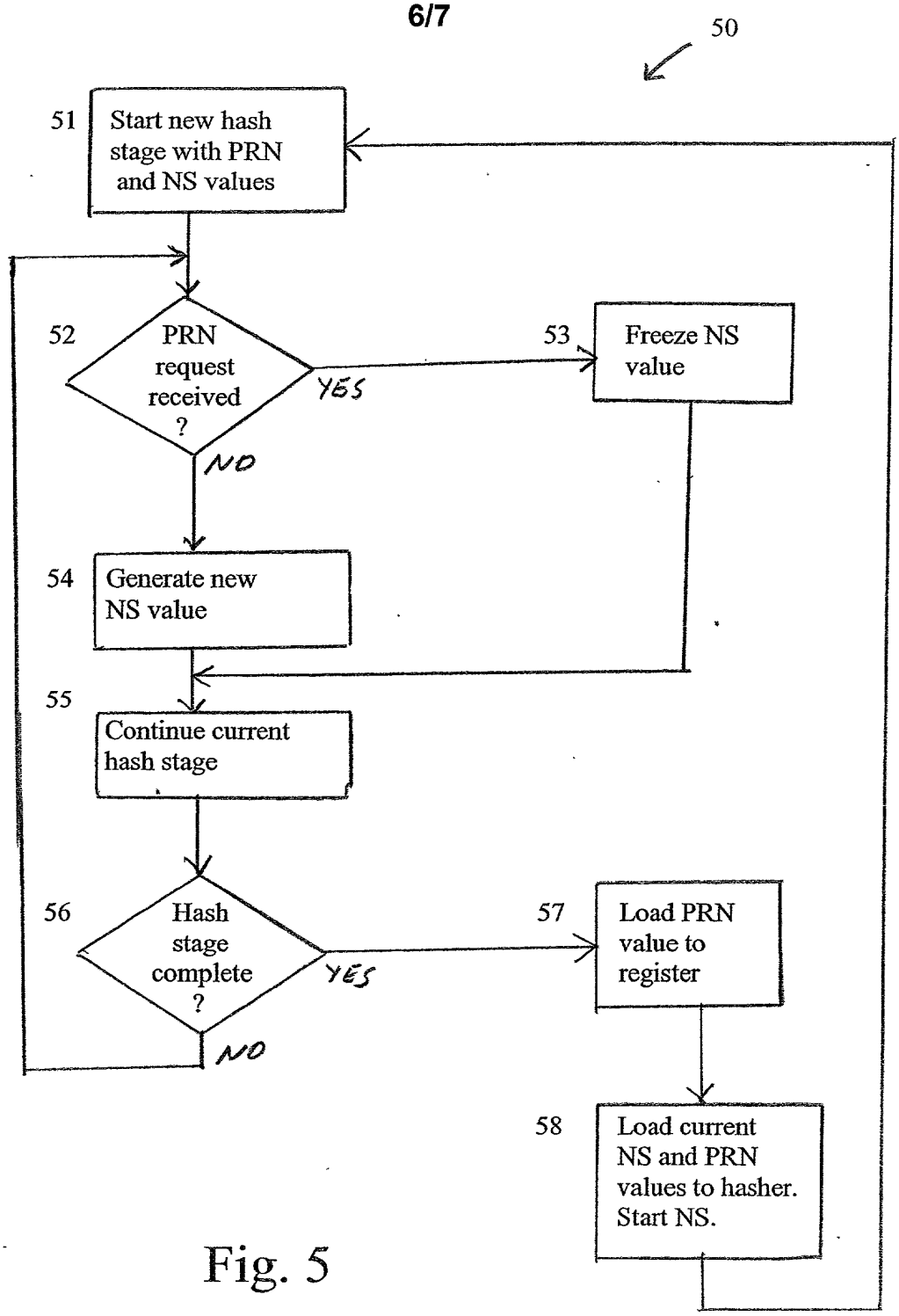
50
51
Start new hash stage with PRN and NS values
52
PRN request received ?
YES
53
Freeze NS value
NO
54
Generate new NS value
55
Continue current hash stage
56
Hash stage complete ?
YES
57
Load PRN value to register
NO
58
Load current NS and PRN values to hasher. Start NS.

Fig. 5

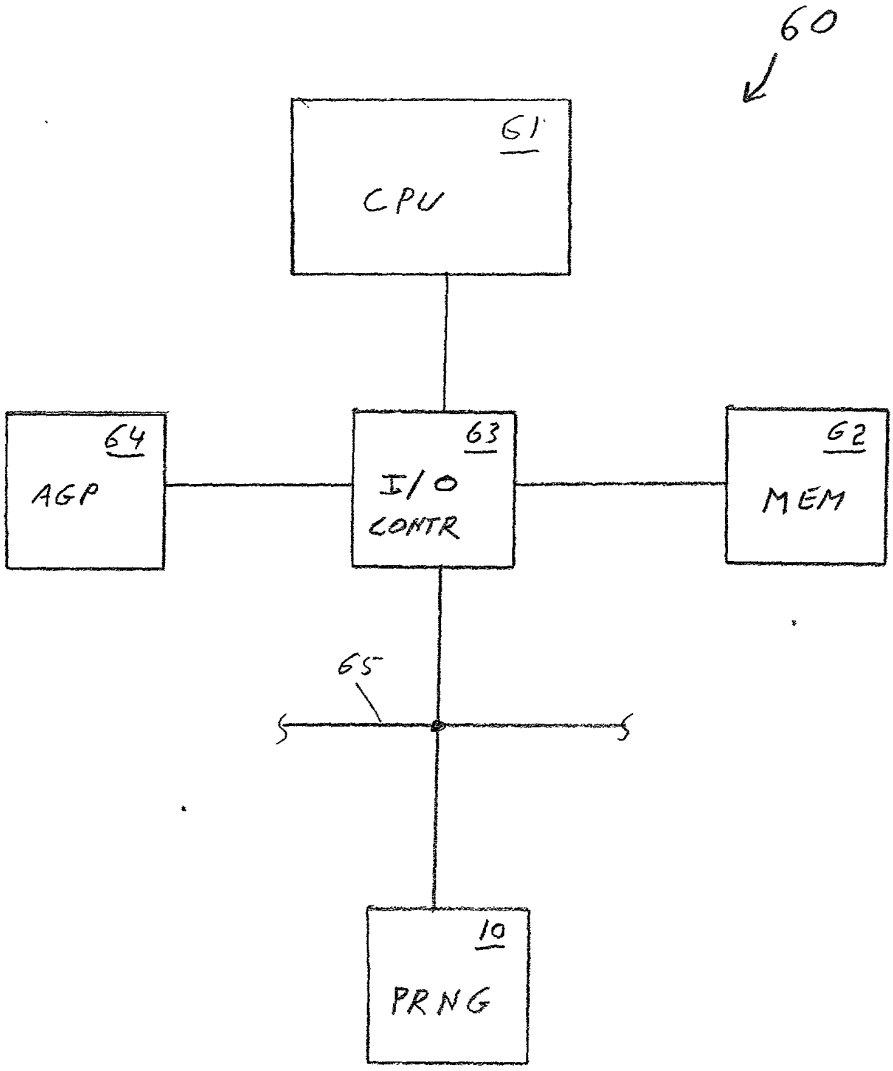

Fig. 6

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